PROM/SE: Michigan
Mathematics Curriculum
Coherence Institutes Part I

Coherent Institute Content
A coherent curriculum is characterized by a focused, well developed, challenging and clearly articulated sequence of mathematical concepts within and across grades. A PROM/SE principle is that curriculum coherence matters in student achievement, but throughout our work with PROM/SE districts and Associates, signs of a lack of curriculum coherence have emerged. Join us as we raise these issues and provide the opportunity and tools for you to analyze your own mathematics curriculum for coherence.

The institutes will consider why the following questions matter for student achievement and curriculum coherence, and discuss how districts can address them:
• Does the mathematics that is taught in each grade have a clear focus on a limited number of topics?
• What ongoing system is in place for ensuring a coherent transition in the mathematics that is taught within grades, from grade to grade, and building to building?
• Are supplemental instructional materials chosen by teachers contributing to a lack of coherence?
• Does your curriculum provide opportunities for all students to do challenging mathematics?
• Do the teachers in your district implement the state standards in ways that contribute to non-coherent patterns in the use of instructional materials?
• How is your district incorporating research about how students learn mathematics?
• Are 'opportunities to learn' denied to some students because of system policies and course options?

Participants will consider:
• How a district can develop an action plan, connected to the school improvement process, to develop and ensure a coherent K-12 mathematics curriculum and tools to assist in this process.
• Ways a district’s policies may be at odds with the implementation of a well-developed coherent mathematics curriculum and what districts can do to move forward with their plans.

Institute Details
District Teams:
Minimum of 5 participants from a district (one must be an administrator), consisting of at least:
• 1 or 2 lead math teachers from lower elementary
• 1 or 2 lead math teachers from upper elementary
• 1 or 2 lead math teachers from middle school
• 1 or 2 lead math teachers from high school
• 1 administrator—the person who is responsible for the implementation and student achievement in mathematics

Others encouraged to attend:
• 1 principal from an elementary building
• 1 principal from a secondary building (middle or high)

Logistics:
• 5 meetings with PROM/SE facilitator:
  • Nov 6, Calhoun Technology Center, Battle Creek
  • Dec 17, Calhoun Technology Center, Battle Creek
  • Feb 5, 2009, Calhoun ISD, Marshall
  • Mar 16, Calhoun ISD, Marshall
  • April 30, Calhoun Technology Center, Battle Creek

• 4 district team meetings—These meeting are to be held in each district between the above scheduled group meetings.

• PROM/SE will reimburse school districts for substitute costs for whole group and local district team meetings for a total of nine days. PROM/SE will pay for material cost and meals for all who register and attend.

Daily Schedule for Whole Group meetings:
Registration: 7:30-8:00 am with a continental breakfast
Program Begins: 8:00 am
Lunch: 12 noon-12:45 pm
Program Ends: 3:00 pm

Cost: FREE, but registration is required.

Registration: Register your team by September 23, 2008
A form is attached. Send to your PROM/SE site coordinator or the PROM/SE office at Michigan State University.

PROM/SE is supported by the National Science Foundation under EHR-0314866  www.promse.msu.edu
PROM/SE Mathematics Curriculum
Coherence Institutes

District Team Information

Registration required by Sept. 23, 2008. Send this form to:

Calhoun ISD: Mary Gehrig, GehrigM@calhounisd.org
Phone: 269-789-2471, Fax: 269-789-9584

Ingham ISD: Marty Couretas, mcoureta@inghamisd.org
Phone: 517-244-1246, Fax: 517-244-1154

St. Clair RESA: Jenn Cady, demossj1@msu.edu
Phone: 517-353-4884, Fax: 517-432-0132

District Contact:

Name: ___________________________________________
District: __________________________________________
Mailing address: ____________________________________
City _____________________State______ Zip code_______
Email address: _____________________________________
Telephone: ________________________________________

District Team Members:

Name: ___________________________________________
Position: ___________________________________________
Email Address: _____________________________________
Telephone: ________________________________________

Name: ___________________________________________
Position: ___________________________________________
Email Address: _____________________________________
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